

# UMM-G Specification Representation

The following table depicts the various specifications supported by the granules profile (X-axis) as well as all the elements in the UMM-G (Y-axis). If the specification supports the UMM-G element, the cell is colored light green and includes the letter "Y". If the specification does not support the UMM-C element, the cell is colored pink and includes the letter "N". A few cells are colored yellow with the word TBD, as these mappings are still in progress. Elements that are required are specified by the presence of the word "YES" in the Required column next to the element name.

UMM-G Field	Required	Full Documentation	ECHO 10	ISO 19115-2	ISO 19115-1
<b>METADATA INFORMATION</b>					
Metadata Language		UMM Common	N	Y	Y
Metadata Standard		UMM Common	Y	Y	Y
Metadata Dates		UMM Common	Y	Y	Y
<b>DATA IDENTIFICATION</b>					
Universal Reference Identifier	YES	UMM Common			
Data Language		UMM Common	N	Y	Y
Data Dates	YES	UMM Common	Y	Y	Y
Producer Identifier		UMM-G	Y	Y	Y
Local Version Identifier		UMM-G	Y	Y	Y
Browse Graphic		UMM Common	Y	Y	Y
Data Format		UMM -G	Y	Y	Y
Access Constraint Value		UMM Common	Y	Y	Y
Parent Collection Identifier	YES	UMM-G	Y	Y	Y
<b>DESCRIPTIVE KEYWORDS</b>					
Spatial Locality		UMM-G	Y	Y	Y
<b>SPATIAL INFORMATION</b>					
Spatial Extent		UMM Common	Y	Y	Y
Tiling Identification System (Formerly TwoDCoordinateSystem)		UMM Common	Y	Y	Y
<b>TEMPORAL INFORMATION</b>					
Temporal Extent		UMM Common	Y	Y	Y
<b>COVERAGE INFORMATION</b>					
Additional Attributes - Content Information		UMM Common	Y	Y	Y
Day Night Flag		UMM-G	Y	Y	Y
Cloud Cover		UMM-G	Y	Y	Y
<b>DISTRIBUTION INFORMATION</b>					
Related URL		UMM Common	Y	Y	Y
Distribution		UMM Common	Y	Y	Y
<b>ACQUISITION INFORMATION</b>					
Platform		UMM Common	Y	Y	Y
Instrument		UMM Common	Y	Y	Y
Sensor		UMM Common	Y	Y	Y
Project		UMM Common	Y	Y	Y
Platform Orbit Information		UMM Common	Y	Y	Y
Additional Attributes - Platform Information		UMM Common	Y	Y	Y
<b>DATA QUALITY INFORMATION</b>					
Additional Attributes - Quality Information		UMM Common	Y	Y	Y

Reprocessing Lineage		UMM-G	Y	Y	Y
Production Date Time		UMM-G	Y	Y	Y
Product Generation Executive (PGE) Information		UMM-G	Y	Y	Y
Input Granules		UMM-G	Y	Y	Y